

CERTIFICATE OF ANALYSIS

Product Description BY-2 MEDIUM
Product Number B1468
Lot Number HAW1468002
Storage Temperature 2-8°C

Physiochemical Specifications:

| TEST | SPECIFICATION | RESULTS |
|--|--|------------------------------|
| Solubility | Soluble in Water | Passes |
| pH (4.43 g/L) | Under Development | 4.2 |
| Physical Appearance Color* Texture | Under Development Fine Powder | 2143-70 White Fine Powder |
| Solution Appearance Clarity Color | Clear Colorless to Slight Yellow Tint | Clear Colorless |
| Average Time to Dissolve | Under Development | 2 min |
| Insolubles | None | Passes |
| Moisture | For Information Only | 1.72% |

* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

Biological Testing:

| TEST SPECIFICATION | PLANT CELL LINE | RESULTS |
|--|-----------------------|---------|
| Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultured lines with no morphological aberrations to plants | Achimenes | Passes |
| | Xanthi Tobacco Callus | Passes |

The material described in this certificate was manufactured in the United States of America and is synthetic in nature. No animal- or plant-derived components were used in the manufacture of this product.

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Date of Release: 10-July-2025

Recommended Shelf-Life Date: January 2028

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